

AC&M RTD Alarm Setter Transmitter

Features :

- 4 Digits Display For Input Signal:-100.0 ~ 400.0
- Display -100~400°C/-100~700°F
- Output Signals Are Programmable.
- Ultra-thin Dimension , 27mm width.
- Non-Combustible PC Case .DIN Rail or Wall Mounting.
- High Dielectric Strength (AC 2KV/Min , Input / Output / Power)



Model : TAR — — — —

Input Signal		Alarm Setting		Output Signal		AUX. Power	
A	PT100Ω 3Wire -100~400°C/ -150~700°F	A	2Alarm Setting	A	DC 0~10mA	C	DC 22~72V
				B	DC 0~20mA	F	AC /DC 85~265V (AC&DC Share)
				C	DC 4~20mA		
				D	DC 0~5V		
				E	DC 1~5V		
				F	DC 0~10V		
Y	Other	N	None	N	None	Y	Other
				Y	Other		

Specifications :

- Accuracy : Input Accuracy $\pm 0.2\%$ FS , Output Accuracy $\pm 0.1\%$ RO , Display Accuracy $\pm 0.2\%$ FS $\pm 2C$.
- Display Range : 0.36" Red LED 4-digit 0 ~ 9999 Counts.
- Input Impedance : Voltage Input $\geq 1M\Omega$, Current Input $\leq 50\Omega$
- Insulation Resistance : $\geq 100M\Omega$ /DC 500V
- Power Supply : DC 22~28V(without load) , max DC 40mA
- Output Load : Current Output : $< 750\Omega$ at 20mA , Voltage Output : 10mA Maximum
- Output Coordination : Digital Coordination
- Dielectric Strength : AC 2KV /1 Min , Input / Output / Power , DIN IEC 688.
- Alarm Setting : 2 Sets Alarm Joins. Hi or Lo (selectable)
- Setting Range : 0 ~ 400.0 Counts (Programmable).
- Deadband : 0 ~ 400.0 Counts (Programmable).
- Delay Time : 0 ~ 99 sec. (Programmable)
- SPDT Capacity : SPST AC 120V 5A ,250V 2.5A,DC 24V 3A PF=1
- Stability : $\leq 0.2\%$ /year
- Response Time : 1sec
- Temperature Coefficient : ≤ 100 ppm / °C From 0~60°C
- Operation Condition : -5°C ~+85°C 20~95% RH Non-Condensed
- Storage Condition : -10°C ~+105°C 20~95% RH Non-Condensed
- CE : EN 61000-6-4 , EN 61000-6-2 , EN 61000-3-2
- Power Fluctuation Rate : Power Can Stand AC 85~265V or DC 24V $\pm 10\%$, Aux. Power Effect : $\leq 0.03\%$ /V
- Case Material : Non-Combustible PC Case. Qualified to UL 94 CLASS V-O
- Mounting : DIN Rail or Wall Mounting.
- Dimension : 27 W x119 H x 72 L (including base)

Connection Diagram :

